

PATENT

Attorney's Docket No. MP0091

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Narasimhan, Ravi

Group Art Unit: Not Yet Assigned

Serial No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: Herewith

Title: Method and Apparatus for Estimation of Orthogonal Frequency Division Multiplexing Symbol Timing and Carrier Frequency Offset

CERTIFICATION UNDER 37 C.F.R. 1.10

"Express Mail" Mailing Label Number:

EL 898554604 US

Date of Deposit: 2/4/02

I hereby certify that this correspondence is being deposited with the United States Postal Service on this date in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, DC 20231.

Date: 2/4/02

Suzanne M. Forno
Suzanne M. Forno

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the practice under 37 C.F.R. § 1.97 and § 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed information are also enclosed.

This Information Disclosure Statement is being filed within three months of the U.S. filing date or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR §1.97(b)).

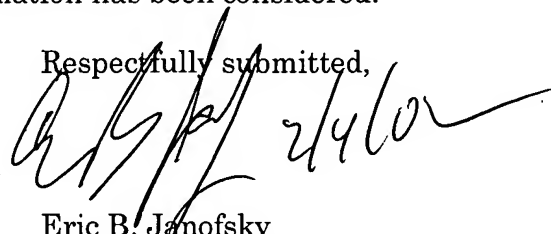


CONCLUSION

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any over-payment to the credit card authorized in the attached Submission Of Credit Card Payment.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned indicating that such information has been considered.

Respectfully submitted,

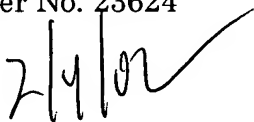


Eric B. Janofsky
Attorney for Applicant
Registration No. 30759

Please address all correspondence to:

Marvell Semiconductor, Inc.
Intellectual Property Department
645 Almanor Avenue
Sunnyvale, CA 94085
Phone: (408) 222-1953
Fax: (408) 328-0918
Customer No. 23624

Date:



INFORMATION DISCLOSURE CITATION
(USE SEVERAL SHEETS IF NECESSARY)
PAGE 1 OF 3

APPLICANT

Narasimhan, Ravi

FILING DATE
Herewith

GROUP: Not Yet
Assigned

JP828 U.S. PTO
10/06/95



U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE
	AA 4550414	10/29/85	Guinon et al.			4/12/83
	AB 5053982	10/1/91	McCune, Jr.			2/14/89
	AC 5077753	12/31/91	Grau, Jr. et al.			4/9/90
	AD 5111478	5/5/92	McDonald			1/31/91
	AE 5231634	7/27/93	Giles et al.			12/18/91
	AF 5282222	1/25/94	Fattaouche et al.			3/31/92
	AG 5311544	5/10/94	Park et al.			11/19/92
	AH 5555268	9/10/96	Fattouche et al.			1/24/94
	AI 5602835	2/11/97	Seki et al.			11/16/94
	AJ 5608764	3/4/97	Sugita et al.			11/14/94
	AK 5726973	3/10/98	Isaksson			12/30/94

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANS- LATION
	AL					
	AM					
	AN					
	AO					
	AP					
	AQ					

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	"Wireless LAN Standard" IEEE Std 802.11a-1999
	AS	Schmidl, Timothy M. "Robust Frequency and Timing Synchronization for OFDM" IEEE Transactions on Communications, Vol 45, No. 12, December 1997
	AT	
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

JP 28 U.S. PTO
10/067556



Form PTO-1449 (REV 8-83)	DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY) PAGE 2 OF 3	
SERIAL NO. Not Yet Assigned	ATTY DOCKET NO. MP009i
APPLICANT Narasimhan, Ravi	
FILING DATE Herewith	GROUP: Not Yet Assigned

U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS.	SUBCLASS	FILING DATE
	AA	5732113	3/24/98	Schmidl et al.		6/20/96
	AB	5802117	9/1/98	Ghosh		2/8/96
	AC	5809060	9/15/98	Cafarella et al.		12/30/94
	AD	5889759	3/30/99	McGibney		8/13/96
	AE	5953311	9/14/99	Davies et al.		2/18/97
	AF	5991289	11/23/99	Huang et al.		8/5/97
	AG	6021110	2/1/00	McGibney		1/26/99
	AH	6035003	3/7/00	Park et al.		12/1/97
	AI	6058101	5/2/00	Huang et al.		6/11/97
	AJ	6074086	6/13/00	Yonge, III		4/26/99
	AK	6075812	6/13/00	Cafarella et al.		3/26/98

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANS- LATION
	AL					
	AM					
	AN					
	AO					
	AP					
	AQ					

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR			
	AS			
	AT			
<table style="width:100%;"> <tr> <td style="width:50%;">EXAMINER</td> <td style="width:50%;">DATE CONSIDERED</td> </tr> </table>			EXAMINER	DATE CONSIDERED
EXAMINER	DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

INFORMATION DISCLOSURE CITATION
(USE SEVERAL SHEETS IF NECESSARY)
PAGE 3 OF 3

APPLICANT

Narasimhan, Ravi

FILING DATE
HerewithGROUP: Not Yet
Assignedjcase8 U.S. pro
10/06/556

02/04/02

U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA 6091702	7/18/00	Saiki			7/18/00
	AB 6111919	8/29/00	Yonge, III			1/20/99
	AC 6125124	9/26/00	Junell et al.			9/16/97
	AD 6160821	12/12/00	Dolle et al.			11/3/98
	AE 6169751 B1	1/2/01	Shirakata et al			3/9/98
	AF 6172993 B1	1/9/01	Kim et al.			12/1/97
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION
	AL					
	AM					
	AN					
	AO					
	AP					
	AQ					

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.